<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>BUREAU OF LAND MANAGEMENT</td>
<td>Gw-2</td>
<td>93725</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>HESS, AL</td>
<td>Gw-2</td>
<td>94365</td>
<td></td>
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<td>17</td>
<td>BUREAU OF LAND MANAGEMENT</td>
<td>Gw-2</td>
<td>94411</td>
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<tr>
<td>24</td>
<td>DENNY, VEDA A.</td>
<td>Gw-4</td>
<td>95224</td>
<td></td>
</tr>
<tr>
<td>24</td>
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<td>Gw-4</td>
<td>95224</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>LAPP, HAROLD</td>
<td>Gw-4</td>
<td>95334</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>ENGLEMANN, WILLIAM</td>
<td>Gw-2</td>
<td>$6475</td>
<td></td>
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<td>25</td>
<td>UNITED STATES OF AMERICA</td>
<td>Gw-4</td>
<td>$5420</td>
<td></td>
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<tr>
<td>26</td>
<td>ROCK, OLIVER</td>
<td>Gw-4</td>
<td>$5478</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>BALLAND, ERIC T.</td>
<td>Gw-2</td>
<td>93428</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>KNIGHT, Cattle Co.</td>
<td>Gw-2</td>
<td>94163</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>KNIGHT, Cattle Co.</td>
<td>Gw-4</td>
<td>93011</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>KNIGHT, Cattle Co.</td>
<td>WATERWELL LOG</td>
<td>80632</td>
<td></td>
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<tr>
<td>32</td>
<td>KNIGHT, Cattle Co.</td>
<td>Gw-4</td>
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<td></td>
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<tr>
<td>32</td>
<td>KNIGHT, GORDON</td>
<td>WATERWELL LOG</td>
<td>79638</td>
<td></td>
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<tr>
<td>33</td>
<td>BUFFALO RIVER PROJECT BOARD OF COUNTY</td>
<td>Gw-4</td>
<td>93231</td>
<td></td>
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<tr>
<td>33</td>
<td>UNITED STATES OF AMERICA</td>
<td>Gw-4</td>
<td>88031</td>
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<td>34</td>
<td>DULCET, TIM</td>
<td>Gw-2</td>
<td>94256</td>
<td></td>
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<tr>
<td>34</td>
<td>GALLAND, ORRIS T.</td>
<td>Gw-4</td>
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<td></td>
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<tr>
<td>34</td>
<td>GAUL, HERMEN</td>
<td>Gw-4</td>
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<td>37</td>
<td>HESS, JOHN W.</td>
<td>Gw-4</td>
<td>95494</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>HESS, JOHN</td>
<td>WATERWELL LOG</td>
<td>92897</td>
<td></td>
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<tr>
<td>34</td>
<td>HOOGMEIER, L.D.</td>
<td>WATERWELL LOG</td>
<td>72577</td>
<td></td>
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<tr>
<td>34</td>
<td>HOOP LUTHERAN CHURCH</td>
<td>Gw-2</td>
<td>71322</td>
<td></td>
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<tr>
<td>34</td>
<td>NORTHERN PACIFIC RAILWAY CO.</td>
<td>WATERWELL LOG</td>
<td>72321</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>NORTHERN PACIFIC RAILWAY CO.</td>
<td>Gw-4</td>
<td>95495</td>
<td></td>
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<tr>
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<td>SCHMIDT &amp; SCHMIDT &amp; SCHMIDT &amp; SCHMIDT &amp;SCHMIDT &amp; SCHMIDT &amp; SCHMIDT &amp; SCHMIDT &amp; SCHMIDT</td>
<td>Gw-4</td>
<td>94384</td>
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<tr>
<td>35</td>
<td>BRENNER, HAROLD V.</td>
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<td>95494</td>
<td></td>
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<tr>
<td>35</td>
<td>LAPP, JOHN</td>
<td>Gw-4</td>
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<td></td>
</tr>
<tr>
<td>35</td>
<td>LAPP, JOHN</td>
<td>Gw-2</td>
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<td>ENGLEMANN, WILLIAM</td>
<td>Gw-2</td>
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<td>36</td>
<td>FALLON WATER WELL CO.</td>
<td>Gw-4</td>
<td>85400</td>
<td>PUBLIDS ADDN. FALDON</td>
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<td>HANSINS ADDN. FALDON</td>
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<tr>
<td>36</td>
<td>STICKEL, ALBERT</td>
<td>Gw-4</td>
<td>85424</td>
<td>CORT. FALDON</td>
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<tr>
<td>36</td>
<td>Korders, MELLEDA</td>
<td>Gw-2</td>
<td>84950</td>
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<td>DURBIN, DENNY</td>
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<td></td>
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<tr>
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<td>DURBIN, DENNY</td>
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<td>87408</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD  

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL  

Developed after January 1, 1962  
(Under Chapter 237 Montana Session Laws, 1961, as amended)  

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.  

Please answer all questions. If not applicable, so state, otherwise the form may be returned.  

Owner: DONALD L. HENDRY  
Address: 13500 E., SALISBURY, Colo.  

Date well started: 6/25/73  
Date well completed: 6/12/73  

Type of well: Drilled  
Equipment used: Air Rotary  

Water Use: Domestic ☑  Municipal ☐  Stock ☐  Irrigation ☑  Industrial ☐  Drainage ☐  Other ☐  Garden/Lawn ☐  

Note: Describe USE if used for Irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).  

ESTIMATED ANNUAL WITHDRAWAL: 400 acre ft.  

<table>
<thead>
<tr>
<th>Size of perforation</th>
<th>Size and depth of perforation</th>
<th>PERFORATIONS</th>
<th>8 +1 50</th>
<th>35 40</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Static water level</td>
<td></td>
<td>25 ft.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pumping water level</td>
<td></td>
<td>35 ft.</td>
<td></td>
</tr>
</tbody>
</table>

Power to pump 10 HP  

Remarks: Gravel packing, cementing, packers, type of shutoff.  

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.  

Driller’s Signature: JESSE L. JOHNSON  
Driller’s Address: JESSIE L. JOHNSON  
LICENSE NO.: 154  

Show exact depth of bottom: 73.85'
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 6-20-1973
Owner: Address:
Contractor (if any): Address of Contractor:
Date Started: 7-7 Date Completed: 11-7
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.

Indicate point of appropriation and place of use, if possible.

Signature of Owner:
Date:

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 3/6/1973
Owner: Address: T. Boy, Mank
Contractor (if any): Name:
Address of Contractor: Date Started: 7-17-73 Date Completed: 11-12

Describe means of obtaining groundwater without a well, as by sub-irrigation and other natural processes; include depth to water when applicable: Spring, Development: tap. Spring, Development: tap.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent, estimate approximate lengths of periods of use: continuous.

SE 1/4 NW 1/4 T 11 R 52
Indicate point of appropriation and place of use, if possible.

Doc. No. 94575
Filed for record on 1-21-73 by: A. D. 1973 at 9:30

Signature of Owner: Jacqueline D. Dettla
Date:

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

RECEIVED

FEB 22 1973

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
Groundwater Appropriation

Ray H. Soltez

to

The Public

FILED

FEB 21, 1973

[Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

**Bureau of Land Management**

Address: Miles City, Montana 90738

Needle Well

Date well started: 4/17/72

Type of well: Drilled

Equipment used: Air Rotary

Water Use: Domestic □ Municipal □ Stock □ Irrigation □

*Describe ____________________________

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Top (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 7/8&quot; ID</td>
<td>4&quot; ID</td>
<td>176</td>
<td>Stats 35 55</td>
</tr>
</tbody>
</table>

**Driller’s Log**

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elm, above sea level)

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>4 Brown Sand</td>
</tr>
<tr>
<td>4</td>
<td>12 Gravel</td>
</tr>
<tr>
<td>12</td>
<td>18 Yellow Clay</td>
</tr>
<tr>
<td>18</td>
<td>23 White Clay</td>
</tr>
<tr>
<td>23</td>
<td>30 Brown Sandy Clay</td>
</tr>
<tr>
<td>30</td>
<td>Slight rise at 30'</td>
</tr>
<tr>
<td>30</td>
<td>60 Blue Shale</td>
</tr>
<tr>
<td>60</td>
<td>80 Blue Shale</td>
</tr>
<tr>
<td>80</td>
<td>70 Blue Shale</td>
</tr>
<tr>
<td>70</td>
<td>60 Gray Shale</td>
</tr>
<tr>
<td>60</td>
<td>50 Gray Shale</td>
</tr>
<tr>
<td>50</td>
<td>45 Coal</td>
</tr>
<tr>
<td>45</td>
<td>20 Coal</td>
</tr>
<tr>
<td>20</td>
<td>8 Gray Shale</td>
</tr>
<tr>
<td>8</td>
<td>0 Gray Shale</td>
</tr>
</tbody>
</table>

**Power Pump HP**

Remarks: [Gravel packing, cementing, packers, type of shutoff]

Well gravel packed to bottom. Lower strata taking top strata of water.

**INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES**

Driller’s Signature: [Signature]

Driller’s Address: Joe Johnson Jr., Terry, Montana

LICENSE NO. 154

**3** County: Prairie

**50, 994** Show exact depth of bottom
93738

Water Well Log

B. L. M.

to

The Public

FILED

at 2:37, O'clock P.M.

April 27, 1872

John B. Harrod

Recorder of Deeds
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Alf Hans
Address: CB#1, Glendive, MT 59330

Date well started: 4/27/72
Completed: 4/28/72

Type of well: Drilled

Equipment used: Air Rotary

Water Use: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □ Garden/Lawn □

Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Size and Type of Cutting</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 7/8&quot; 6&quot;</td>
<td>Plastic</td>
<td>0</td>
<td>11</td>
<td>NON</td>
</tr>
<tr>
<td>7 7/8&quot; 6&quot;</td>
<td>Plastic</td>
<td>11</td>
<td>177</td>
<td>1&quot;X6&quot;</td>
</tr>
</tbody>
</table>

Static water level 105 ft.
Pumping water level 125 ft.
at 30 gallons per minute, measured 30 minutes after pumping began.

Measured from ground level.

Well developed by...Air...for 2 hours.

Power: Pump: HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.

Driller's Signature: Joe Johnson
Driller's Address: Joe Johnson Dr., Terry, Montana

LICENSE NO.: 19A 5

Top of Ground

<table>
<thead>
<tr>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>State of Strata</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>8</td>
<td>Sand &amp; Gravel</td>
</tr>
<tr>
<td>8-15</td>
<td>47</td>
<td>Very Sandy Soil</td>
</tr>
<tr>
<td>15-165</td>
<td>47</td>
<td>Fine &amp; Brown Clay</td>
</tr>
</tbody>
</table>

with stringers of Coal & Rock

195-197 Grey Sandstone (4 rpm) - 12.5
132-165 Dr. Brown & Black
145-165 Blu Sandstone (15 rpm)
152-177 Clay & Coal

177 Show exact depth of bottom
94383

State of Illinois
At Home to
The People

FILED
21 2 P.M. 6th clock M.M.
12th 1973

[Signature]
[Signature]
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1966

(Under Chapter 237, Montana Session Laws, 1961, as amended)

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well

State Water Resources Board

File No. Received

Duplicate

Log

Sep 2, 1969

County Prairie

Top of Ground

(Elev. above sea level...) 30' 16' Yellow Sandy Soil
16 - 20 Sand 7/2 well
27 - 30 Dr. Brn. Gumbo
30 - 50 Dr. Brn. Gumbo
50 - 70 Br. Gray Gumbo
70 - 50 Rock & Gumbo
80 - 100 Coal & Stringers of Gray Gumbo
100 - 130 Br. Gray Gumbo
130 - 160 Br. Grey Gumbo
160 - 190 Br. Grey Gumbo
190 - 220 Gray Sandstone
220 - 250 Br. Grey Gumbo
250 - 280 Br. Grey Gumbo
280 - 300 Br. Grey Gumbo
300 - 330 Br. Grey Gumbo
330 - 340 Stringers of Coal & Gray Gumbo
340 - 370 Gray Gumbo
370 - 374 Rock
374 - 420 Gray & Brn. Gumbo
429 - 430 Rock
430 - 470 Gray & Brn. Gumbo/Str. Coal
470 - 490 Br. Grey Gumbo
490 - 500 Br. Grey Gumbo/Str. Coal
500 - 530 Br. Grey Gumbo/Str. Coal
530 - 560 Rock
560 - 580 Sandstone
580 - 600 Sandstone
600 - 640 Sandstone
640 - 649 Br. Grey Gumbo
649 - 660 Br. Grey Gumbo/Str. Rock
660 - 690 Br. Grey Gumbo/Str. Rock
690 - 720 Br. Grey Gumbo
720 - 780 Sandstone
780 - 800 Sandstone
800 - 875 Br. Grey Gumbo/Str. Sandstone
875 - 879 Sandrock
879 - 942 Br. Grey Gumbo/Str. Sandstone

- Static Water Level for non-flowing well
- Shut-In Pressure for Flowing Well
- Pumping Water Level
- Discharge in gal. per min. of flowing well
- How Tested
- Length of Test
- Remarks:
- USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Driller's License Number

Driller's Signature
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Vida R. Denby

(Name of Appropriator) (Address) (Town)

County: PRARIE State of MONTANA

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: HOUSEHOLD, LIVESTOCK, and GARDEN IRIGATION.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been, from March 1st, 1931, to date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10 gpm at mid point of high point used.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.

OWNER: VIDA R. DENBY

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Hand wells with hand pump and windmill.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. All completed Jan. 1st, 1932, completed with pump

8. The depth of water table. 26 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. I hand draw well 25 feet deep, cement with 24 inch cement then 5 feet depth, 16 in. casing in center, capped with 12 in. concrete, flat screen, hand pump with 14 in. pipe and 4 in. by 16 in. cylinders and windmill.

10. The estimated amount of groundwater withdrawn each year. 93,750,000.

11. The log of formations encountered in the drilling of each well if available. No log available.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner: Vida R. Denby

Date: December 9, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

VIDA R. DENBY
(Name of Appropriator)

Address
(Town)

County of PRAIRIE
State of MONT.

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: HOUSEHOLD LIVESTOCK and GARDEN IRRIGATION.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: MARCH 1960, CONTINUOUS.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 GALLONS PER MIN. HIGH POINT.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: SAME LOCATION AS WELL (GARDEN).

OWNER VIDA R. DENBY

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: WELL WITH G A T P U M.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: WELL STARTED DEC. 1959, COMPLETED AND PUMP INSTALLED MAR. 1, 1960.

8. The depth of water table: 35 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 4 INCH, 54 FEET BORING 10 FEET, 4 INCH, 40 FEET, 6 INCH, 40 FEET, 8 INCH, 30 FEET.

10. The estimated amount of groundwater withdrawn each year: 79,000 GALLONS.

11. The log of formations encountered in the drilling of each well if available: LOG NOT AVAILABLE.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:

Signature of Owner: VIDA R. DENBY
Date: DECEMBER 9, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1951)

1. Harold Lapp, of C.P.R. Alliance

County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

- The beneficial use on which the claim is based: Household & Cattle Water
- The date or approximate date of earliest beneficial use, and how continuous the use has been: 1943 - Continues
- The amount of groundwater claimed (in miners, inches or gallons per minute): 7 gallons per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced and completed about 1943

- The depth of water table: 2 ft.

- The depth of water table: 2 ft.

- The estimated amount of groundwater withdrawn each year: 225,000 gallons

- The log of formations encountered in the drilling of each well, if available: Not available

- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: None

Signature of Owner: Harold Lapp
Date: Oct. 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner:  Wm. Englebright  Address:  Fallon, Montana
Driller:  Harold Jasin  Address:  Corvallis, Montana
Date of Notice of Appropriation of Groundwater:  Apr 9, 1964
Date well started:  Apr 9, 1964  Date completed:  Nov 10, 1964

Type of well:  Drilled  Equipment Used:  Chosen
(Dug, driven, bored or drilled)  (Churn, drill, rotary or other)

Water Use:  Domestic  Municipal  Other  Irrigation
(Domestic, Industrial, Drainage, Stock)

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

| Strata Water Level for non-flowing Well | 9 | feet.
| Shut-in Pressure for Flowing Well | |
| Pumping Water Level | 12 | feet at | 5 | gal. per minute.
| Discharge in gal. per min. of flowing well | |
| How Tested:  Pulse test  Length of Test:  one hour |

Remarks:  (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. County of Yellowstone
   State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   ![Diagram showing point of appropriation and place of use]
   Each small square represents 10 acres.

2. The beneficial use on which the claim is based

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1989

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
   Natural Spring - Ripped at the Glendale pumping plant

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   1989

8. The depth of water table
   Flow from side of hill

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
   Natural Spring - Ripped at the Glendale pumping plant

10. The estimated amount of groundwater withdrawn each year 3 acre-feet

11. The log of formations encountered in the drilling of each well if available.
   No well, Natural Spring

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
   This water is used for domestic, household, stock watering and similar uses by employees of the United States, or its agents.
   At Glendale Pumping Plant in connection with operation and maintenance of the Buffalo Rapids Federal Reclamation Project.
   United States of America
   Signature of Owner
   For Regional Director, Region 6, Bureau of Reclamation

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Date: Dec 21, 1963

1. [Name of Appropriator] of [Address] in [Town]

2. The purpose and use to which the water is to be put.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since then.

4. The amount of water used per minute (gallons).

5. If used for irrigation, give the number of acres and the location of the land on which the water has been applied.

6. The means of withdrawing the water from the ground and the location of the well or other means of withdrawal.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.

8. The depth of water table.

9. The type, size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

10. The estimated amount of groundwater withdrawn each year.

11. The log of formations encountered in the drilling of each well if available.

12. Such other information as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner: [Signature]
Date: [Date]

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, state so, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Otto I. Galland
Address: Fallon, Montana
File: 9328

Date well started: 4/26/72
Completed: 5/6/72

Type of well: Drilled

Equipment used: Cable tool & rotary

Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

*Describe USE: If used for irrigation, industrial, drainage or other. Explain. State number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL: 389,000 gallons

Top of Ground (Elev. above sea level)

<table>
<thead>
<tr>
<th>Feet</th>
<th>Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>4</td>
<td>7</td>
</tr>
<tr>
<td>7</td>
<td>15</td>
</tr>
</tbody>
</table>

Indicate the character, color, thickness, and origin of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Static water level: 74 feet
Pumping water level: 62 feet
Flow: 64 gallons per minute

Well developed by pump for 8 hours.

Power: 15 HP
Remarks: Gravel packing, cementing, packers, type of shutoff

License No. 37

Show exact depth of bottom: 59,559
As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

**Special Instructions:**

Please check the Range number in the location on the attached form. Should not the correct location be Range 51 East? Instead of Range 15 East?

Thank you.

---

**Water Use:**
- Domestic
- Municipal
- Stock
- Irrigation

*Describe:* 

**USE:** If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

---

**Estimated Annual Withdrawal**

<table>
<thead>
<tr>
<th>Size of Defined Hole</th>
<th>Diameter (inches)</th>
<th>Depth (feet)</th>
<th>Static Water Level</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot;</td>
<td>6.11</td>
<td>0</td>
<td>52</td>
<td>none</td>
</tr>
<tr>
<td>3-7/8</td>
<td>2&quot;</td>
<td>0</td>
<td>821</td>
<td>all: 2:3</td>
</tr>
</tbody>
</table>

**Static Water Level:**
32.5 ft.

**Pumping Water Level:**
23.8 ft.

Flow at 32.5 gallons per minute measured minutes after pumping began.

*Measured from ground level.

Well developed by: 

for: hours.

Power: Pump: HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

---

**Indicate Location of Well and Place of Use, if Possible. Each Small Square Represents 40 Acres.**

Driller's Signature: [Signature]

Driller's Address: [Address]

---

Show exact depth of bottom

50-5.59
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Chris I Galland
Address: Fallon, Montana
File: 93823

Date well started: 8/25/72
GW 1

Date well completed: 9/6/72

Type of well: Drilled
(Deep, driven, bored or drilled)

Equipment used: Cable tool or Rotary
(Cable tool, rotary or other)

Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Size and Place of Use</th>
<th>From Feet</th>
<th>To Feet</th>
<th>Flow</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot; 6&quot; 1/2&quot;</td>
<td>0</td>
<td>52</td>
<td>none</td>
<td>753</td>
</tr>
</tbody>
</table>

Pumping water level: 89.5 ft.
Well developed by: 3-7/3 0' 2"

Static water level: 89.5 ft.

Remarks: Gravel packing, cementing, packer, type of shutoff

Power: Pump: 1 HP

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature: R. J. Coats
Driller's Address: Terry, Montana

LICENSE NO.: 37

Show exact depth of bottom

50.559
### Notice of Completion of Groundwater Appropriation by Means of Well

**State of Montana**

**MONTANA WATER RESOURCES BOARD**

**OFFICE OF STATE ENGINEER**

**Notice of Appropriation of Groundwater**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** Knuth, Cecil Co.  **Address:** Terry, Montana

**Driller:** Joe Johnson  **Date:** Address Terry, Montana

**Date of Notice of Appropriation of Groundwater:**

**Type of well:** Drilled  **Equipment Used:** Rotary

**Date well started:** 6/10/49  **Date Completed:** 6/22/49

**Type of water:** Municipal  **Other:** Irrigation

---

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Equipment Used</th>
<th>Water Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Rotary</td>
<td>Municipal</td>
</tr>
</tbody>
</table>

**Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc.**

**Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.**

---

**Stateline Water Level for non-flowing well:***

**Shut-in Pressure for Flowing well:**

**Pumping Water Level:**

**Discharge in gal. per min. of flowing well:**

**How Tested:** Open flow  **Length of Test:** 24 hrs.

**Remarks:** (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation). Well cemented with 18 sacks of cement at 400.

---

**Driller’s License Number:**

**Driller’s Signature:**

---

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Recently a copy of a groundwater appropriation form,

- GW 1, Notice of Appropriation of Groundwater
- X GW 2, Notice of Completion of Groundwater Appropriation by means of Well
- GW 3, Notice of Completion of Groundwater Appropriation without Well
- GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner Knuth Cattle Co. Address Terry, Montana

Location Document No. 91631

- The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

X The form is incomplete. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please fill in the location of the well (Township, Range, Section), on the plot provided.

Other.

County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1962)

Owner: John T. Smith, Co., Address: Tarrytown, Montana

Driller: Johnson, Date: June 15, 1969

Date of Notice of Appropriation of Groundwater: June 15, 1969

Date well started: June 15, 1969

Type of well: Drilled

Equipment Used: Pump

Water Use: Domestic

Geology and Quadruplicate for the Appropriator

<table>
<thead>
<tr>
<th>Strata Met With in Druuling</th>
<th>Size of Drilled Hole</th>
<th>Diameter and Weight of Cement</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Static Water Level for non-flowing Well</th>
<th>Shut-In Pressure for Flowing Well</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coal</td>
<td>4&quot;</td>
<td>N O N E</td>
<td>0</td>
<td>60</td>
<td>200</td>
<td>200</td>
<td>Holes: 365</td>
</tr>
<tr>
<td>Gumbo</td>
<td>3 5/8&quot;</td>
<td>5/8&quot; ft.</td>
<td>0</td>
<td>365</td>
<td>5/8&quot; ft.</td>
<td>365</td>
<td>921</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 200 feet.
Shut-In Pressure for Flowing Well: 200 psi.

Pumping Water Level: 200 feet at 200 gal. per minute.

Discharge in gal. per min. of flowing well: 200 gal.

How Tested: Open Flow

Length of Test: 200 psi.

Remarks: Gravel packing, cementing, packers, type of shutter, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation.

This form to be prepared by driller, and three copies to be filled by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
9/14/31

FILED
at 2:45 P.M. SEP 26, 1969

John W. Tallman
Recorder of Deeds

[Signature]
# Declaration of Vested Groundwater Rights

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

### (Under Chapter 237, Montana Session Laws, 1961)

1. **Krothe Castile Co.**  |
   **(Name of Appropriator)**  |
   **(Address)**  |
   **(Town)**  |
   **County of**  |
   **State of**  |
   **have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. **The beneficial use on which the claim is based**
   **[Diagram]**
   |   |   |
   |   |   |
   |   |   |

3. **Date or approximate date of earliest beneficial use; and how continuous the use has been**
   **1938**

4. **The amount of groundwater claimed (in miner's inches or gallons per minute)**
   **1 gal. per min.**

5. **If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof**

6. **The means of withdrawing such water from the ground and the location of each well or other means of withdrawal**
   **Natural flow**

7. **The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater**
   **[Diagram]**
   |   |   |
   |   |   |
   |   |   |
   |   |   |

8. **The depth of water table**
   **460 ft. to 5 ft. above sand**

9. **So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater**
   **Drilled to a depth of 500 ft. and cased with 2' casing**

10. **The estimated amount of groundwater withdrawn each year**
    **525, 600**

11. **The log of formations encountered in the drilling of each well if available**
    **Not available**

12. **Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record**

**Signature of Owner**

**By**  **[Signature]**

**Date**  **Jan. 22, 1962**

---

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriorator.
## WATER WELL LOG

**Owner:** Meade Cattle Company  
**Address:** Terry, Montana

**Driller:** E. C. Bond  
**Address:** Terry, Montana

**Date Started:** March 1, 1960  
**Date Completed:** March 15, 1960

**Location:** Sec. 30  
T. 13  R. 5  W. of the 6th Meridian

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Rotapex</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Dug, driven, bored, or drilled)</td>
<td>(Chim drill, rotary, other)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Water use:**  
- Domestic [ ]  
- Municipal [ ]  
- Stock [x]  
- Irrigation [ ]  
- Industrial [ ]  
- Drainage [ ]  
- Other [ ]

**Casing:**  
- 0 ft. to 50 ft.  
- Type: Steel  
- Size: 6 inch I.D.

**Casing:**  
- 0 ft. to 50 ft.  
- Type: Steel  
- Size: 2 inch

**Perforated or Screened:**  
- 729 ft. to 800 ft.  
- Type:  
- Size: 

**Type of screen or perforations:**  
- 5/16 inch hole on 16 inches apart with cutting tape

**Static Water level, for non-flowing well:**  
- feet.

**Shut-in pressure, for flowing well:**  
- lb./sq. in. on: (date)

**Pumping water level:**  
- feet at: gal. per min.

**How tested:** timed with bucket at twenty gpm

**Length of test:**

**Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

- Sealed between 2 inch and 6 inch with bentonite and a sanitary seal. Well free flowed for twenty-four hours before choking, down to desired rate 2/3 of flow

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>10</td>
</tr>
<tr>
<td>18</td>
<td>27</td>
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<tr>
<td>819</td>
<td>834</td>
</tr>
<tr>
<td>804</td>
<td>Total Depth</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Knuth Co., of , County of , State of ,
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based

3. Date or approximate date of earliest beneficial use; and how continuous the use has been

4. The amount of groundwater claimed (in miner's inches or gallons per minute)

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater

8. The depth of water table

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner: 
Date: 

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
WATER WELL LOG

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Gordon Knuths</td>
</tr>
<tr>
<td>Address</td>
<td>Terry, Montana</td>
</tr>
<tr>
<td>Driller</td>
<td>Ira C. Bond</td>
</tr>
<tr>
<td>Address</td>
<td>Terry, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>July 24, 1959</td>
</tr>
<tr>
<td>Date Completed</td>
<td>July 31, 1959</td>
</tr>
<tr>
<td>Location</td>
<td>Sec 22, T. 13, R. 52, 32</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Rotor</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic: [ ]</td>
</tr>
<tr>
<td></td>
<td>Municipal: [ ]</td>
</tr>
<tr>
<td></td>
<td>Stock: [x]</td>
</tr>
<tr>
<td></td>
<td>Irrigation: [ ]</td>
</tr>
<tr>
<td></td>
<td>Industrial: [ ]</td>
</tr>
<tr>
<td></td>
<td>Drainage: [ ]</td>
</tr>
<tr>
<td></td>
<td>Other: [ ]</td>
</tr>
<tr>
<td>Casing:</td>
<td>0 ft. to 656 ft.</td>
</tr>
<tr>
<td>Type</td>
<td>Steel</td>
</tr>
<tr>
<td>Size</td>
<td>2 inch</td>
</tr>
<tr>
<td>Casing:</td>
<td>[ ] ft. to [ ] ft.</td>
</tr>
<tr>
<td>Type</td>
<td>[ ] ft. to [ ] ft.</td>
</tr>
<tr>
<td>Size</td>
<td>[ ] ft. to [ ] ft.</td>
</tr>
<tr>
<td>Perforations or Screened</td>
<td>5/16 holes cut two inches apart with cutting torch</td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>feet.</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in. on: [ ] (date)</td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>feet at [ ] lbs. per min.</td>
</tr>
<tr>
<td>How tested</td>
<td>With bucket (five gal.) for one minute</td>
</tr>
<tr>
<td>Length of test</td>
<td>one minute</td>
</tr>
<tr>
<td>Remarks</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
<tr>
<td></td>
<td>twenty-five gallons per minute</td>
</tr>
<tr>
<td></td>
<td>Well flowed twenty-four hours open before being used or allowed down with a valve.</td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td>10</td>
<td>16</td>
</tr>
<tr>
<td>16</td>
<td>22</td>
</tr>
<tr>
<td>22</td>
<td>46</td>
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<td>75</td>
<td>94</td>
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<tr>
<td>94</td>
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<td>130</td>
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<tr>
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<td>156</td>
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<td>158</td>
<td>165</td>
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<td>165</td>
<td>166</td>
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<tr>
<td>166</td>
<td>227</td>
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<tr>
<td>227</td>
<td>232</td>
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<tr>
<td>232</td>
<td>250</td>
</tr>
<tr>
<td>250</td>
<td>251</td>
</tr>
<tr>
<td>251</td>
<td>263</td>
</tr>
<tr>
<td>263</td>
<td>267</td>
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<td>267</td>
<td>283</td>
</tr>
<tr>
<td>283</td>
<td>284</td>
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<td>314</td>
<td>388</td>
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<tr>
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<td>447</td>
</tr>
<tr>
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<td>480</td>
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<td>480</td>
<td>483</td>
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<td>483</td>
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</tr>
<tr>
<td>497</td>
<td>508</td>
</tr>
<tr>
<td>508</td>
<td>617</td>
</tr>
<tr>
<td>617</td>
<td>654</td>
</tr>
<tr>
<td>654</td>
<td>667</td>
</tr>
</tbody>
</table>
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Buffalo, Nebo Project, roof of control** of Terry County of **Prairie** State of **Montana**

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>X</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>W</td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1957

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 5 gallons

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 1962

8. The depth of water table... 650 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater...

10. The estimated amount of groundwater withdrawn each year... not available

11. The log of formations encountered in the drilling of each well if available... not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record...

**Signature of Owner**

**Date**

---

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology; and quadruplicate for the Appropriator.
FILED
at o'clock M.

NOV - 5 1963

County Clerk

Deputy

Fee

85031
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

### United States of America

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Appropriator Name]</td>
<td>[Address]</td>
<td>[Town]</td>
</tr>
</tbody>
</table>

State of Montana

### County of Yellowstone

<table>
<thead>
<tr>
<th>County of</th>
<th>State of</th>
</tr>
</thead>
<tbody>
<tr>
<td>[County]</td>
<td>[State]</td>
</tr>
</tbody>
</table>

I, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. **Lot 2 Blk 2 Sec. 33, T 15 N, R 22 E**

   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based:
   - **Domestic and Pumping Plants**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   - 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 8 gallons

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   - Not applicable.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - Artesian at Vallo Pumping Plant

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - 1961

8. The depth of water table:
   - 680 feet

9. So far as it may be available, the type, size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   - No field partial casing

10. The estimated amount of groundwater withdrawn each year:
    - 8 acre-feet

11. The log of formations encountered in the drilling of each well if available:
    - Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:

   - **This water is used for domestic, household, stock watering, and similar uses, by employees of the United States, or its agents, at the caretaker's residence at Vallo Pumping Plant in connection with operation of the Buffalo Rapids Federal Reclamation Project.**

   - **United States of America**
   - **Signature of Owner:**
   - **For Regional Director, Region 8, Bureau of Reclamation**
   - **Date:** December 16, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1952

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Jim Dakast
Address: Fallon, Mont.
Fiscal License No. 94256

Date well started: 7/8/72
Date well completed: 7/11/72

Type of well: Drilled
Equipment used: Rotary

Water Use: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □ Other □ Gardern/Lawn □

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size of Water of Coding</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>Flow</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 1/2&quot; 6&quot; N D 300</td>
<td>7 1/2&quot; 6&quot; N D 300</td>
<td>27</td>
<td>905</td>
<td>732</td>
<td>N-icons</td>
</tr>
</tbody>
</table>

Static water level: 12 ft.
Pumping water level: 75 ft.

*Flow: 75 gallons per minute, measured for 48 minutes after pumping began.

*Measured from ground level.

Well developed by Open Flow for 48 hours.

Power: Pump: 1HP
Remarks: (Gravel packing, cementing, packers, type of tubing)

Well cemented at 360° ft. with 20 sacks of cement.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature: Joe Johnson Drlgs.
Address: Terry, Montana

LICENSE NO. 154

Driller's Address: Joe Johnson Drlgs., Terry, Montana

Show exact depth of bottom.
Filer Shell Log

Jane Durant

The Public

FILED

11:30 A.M.

Nov 3, 1972

John D. Smith

Witness
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

(State of Montana)

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

(Name of Appropriator) (Address)

County of (Town)

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. (Name of Appropriator)
2. The beneficial use or which the claim is based
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
8. The depth of water table
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
Gv. li_ Approved Stock Form—State Publishing Co, Helena, Montana—1962

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

County of

State of

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based. 

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 

March 1910

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 

20 gallons

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.

Commenced Oct. 1910 Completed

8. The depth of water table

40 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

Drilled—iron casing depth 80 feet

10. The estimated amount of groundwater withdrawn each year

50,000 gallons

11. The log of formations encountered in the drilling of each well if available

Not Available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner: 

Date: Feb. 28, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

I, John H. Green, of the Town of

County of *, State of Montana,

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based:
   Stock watering - Horses

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   1955 - Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   15 gal. per minute

5. If used for irrigation, give the area, and the description of the lands to which water has been applied and name of the owner thereof:

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Self flowing - Existing

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Completed and Inhabited 1955

8. The depth of water table:
   585 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   Drilled - 3" casing - 610 ft. deep

10. The estimated amount of groundwater withdrawn each year:
    1,500,000 gallons

11. The log of formations encountered in the drilling of each well if available:
    Not Available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:

Signature of Owner: John H. Green
Date: Dec. 26, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
## WATER WELL LOG

Owner: John Hess  
Address: Fallon, Montana

Driller: Jef C. Bond  
Address: Terry, Montana

Date Started: May 17, 1958  
Date Completed: May 19, 1958

Location: Sec. 34  
T. 13 R. 57 1/4 sec. W.

### Type of well
- Drilled
- Cable Tool

### Equipment used
- (Drill, driven, bored, or drilled)
- (Cone drill, rotary, other)

### Water use
- Domestic [✓]  
- Municipal [ ]  
- Stock [ ]  
- Irrigation [ ]  
- Industrial [ ]  
- Drainage [ ]  
- Other: [ ]

### Casing:
- ft. to 27 ft.  
  Type: Steel  
  Size: 6 inches

### Perforated or Screened:
- Type: [ ]  
  Size: [ ]

### Static Water level, for non-flowing well:
- At 20 feet

### Shut-in pressure, for flowing well:
- lb./sq. in. on: [ ]  
  (date)

### Pumping water level:
- feet at: 25  
  gal. per min.: 6

### How tested:
- Bailed

### Length of test:
- 30 minutes

### Remarks:
- (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>5</td>
<td>2½</td>
</tr>
<tr>
<td>26</td>
<td>27</td>
</tr>
</tbody>
</table>
WATER WELL LOG

Owner: L. E. Hoagie
Address: Fallon, Montana

Driller: Ira C. Bond
Address: Terry, Montana

Date Started: May 14, 1958
Date Completed: May 15, 1958

Location: Sec. 34, T. 8 N., R. 9 W., M. M. & G., Montana

Type of well: Drilled
Equipment used: Cable Tool

Water use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]

Industrial [ ] Drainage [ ] Other: [ ]

Casing: 0 ft. to 20 ft. Type: Steel Size: 6 inch

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. 17 to 20 Ft. to Ft.

Type of screen or perforations: 5/16 holes, 3 in. apart with cutting torch

Static Water level, for non-flowing well: At 10 feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: 18 feet at 6 gal. per min.

How tested: bailed

Length of test: 20 minutes

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Let as by Benson addition in Fallon (over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>4</td>
<td>20</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of a Well

(Under Chapter 237, Montana Session Laws, 1961)

**Driller:** Jose E. Johnson
**Address:** Terry, Montana

Date of Notice of Appropriation of Groundwater: June 9, 1965
Date well started: June 12, 1965

**Type of well:** Drilled
**Equipment Used:** Spudder

**Water Use:** Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

<table>
<thead>
<tr>
<th>Strata to be Drilled</th>
<th>Size of Drilled Hole (in.)</th>
<th>Size and Weight of Core Bit (in.)</th>
<th>From (feet)</th>
<th>To (feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6</td>
<td>1 1/4 lb.</td>
<td>0</td>
<td>26</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 18 feet.
Shut-in Pressure for Flowing Well: __
Pumping Water Level: 19 feet at 5 gal. per minute.
Discharge in gal. per min. of flowing well: __
How Tested: Pumped; Length of Test: 48 hrs.
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number: __
Driller's Signature: __

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.